



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6969

SERIAL NUMBER 10/748,158	FILING DATE 12/31/2003  RULE	CLASS 257	GROUP ART UNIT 2826	ATTORNEY DOCKET NO. 2003_1893A
-----------------------------	---------------------------------------	--------------	------------------------	--------------------------------------

## APPLICANTS

Keiichi Murayama, Okayama-shi, JAPAN;

Akiyoshi Tamura, Suita-shi, JAPAN;  
Masanobu Nogome, Bizen-shi, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\*

NONE

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 2003-186827 06/30/2003  
JAPAN 2003-348750 10/07/2003

VERIFIED

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 05/24/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged	JAPAN	6	17	2
Examiner's Signature <i>TD</i>	Initials <i>TD</i>			

## ADDRESS

000513  
 WENDEROTH, LIND & PONACK, L.L.P.  
 2033 K STREET N. W.  
 SUITE 800  
 WASHINGTON, DC  
 20006-1021

## TITLE

Hetero-junction bipolar transistor and manufacturing method thereof

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
------------	---	---